NT BOOK

ensions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
d-4 Rs.		69,99,890-00	✓
IT -		139998-00	✓
Cess -		69999-00	✓
CBF -		6999-00	✓
LR -		124598-00	✓
FSD -		349995-00	✓
CGST -		62499-00	✓
SGST -		62499-00	✓
Fine -		1700-00	✓
Addn.		8,18,287-00	
Cheque		61,81,603-00	✓

st And Final Bill

M. A. R. 57 (Rule 116) Work code. 005-18-000066
Measurement Book No. B Est Cost Rs. 10.00(a
Improvements to Road And Drains At 494943
Vinayakanagara From 3rd Cross Road To in ward No. 05
tor of nature of Agency Byatarayanapura Sub division (2nd call)
Date of commencement of work

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work order no. - BBMP/EE/BTP/WO/199/2018.19. Date. 19.12.2018						
	Name & Benificiaries Contractor - Sri. Chetan. P. 03 5th cross Lawrance layout Veerannapalya Bangalore. 560045						
(1)	Earthwork excavation by manual means in ordinary soil Soil including an average horizontal distance up to 2 meters and an average lift up to 0.30 mtr excavated Surface leveled						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and sides neatly dressed the disposed earth to be levelled neatly after breaking & clods Compleate as per Specification.						
	As per Pre-Measurement recorded vide Page no. 494992 to 494993 in this MB.					$89.59 M^3$	
						8152.69	
	Rate. 91:00						
(2)	Removing B S slag & drain and stacking ese... Compleate as per Specification.						
	As per Pre-Measurement recorded vide Page no. 494993 to 494995 in this MB					$440.55 M^2$	
	Rate. 69:00						30397.95

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(3)	Pegging stone s... ese.. Compleate as... Quan...
	Rate. 84:00
(4)	Providing Granite ... and fixed in CM 1:... 7.5 cms thick ese...

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
e disposed earth to be			
p & cladg Compresse as per			
t recorded vide page no.			
g MB.	89.59 M^3		
		8152:69	
and stacking ese..			
n.			
ent recorded vide page no.			
g MB	440.55 M^2		30397:95

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494944

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(3)	Refixing Stone slabs & grating and pointing in CM 1:3 ese.. compresse as per Specification.						
	Quantity vide item no..					(2)	
						440.55 M^2	37006:20
	Page. 84:00						
(4)	Providing Granite slabs & Selected quality roughly dressed and fixed in CM 1:6 including fixing curing ese.. compresse 7.5 cms thick ese.. compresse as per Specification.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As per Pre. measurement recorded vide page No. 494994 to 494995 item no. 2(A) missing slog on in this MB. Rate. 696:00					146.88 m² 102172:80	
	(5) Providing and laying in position Plain cement Concrete M1:4:8 with OPC cement @ 180 kg with coarse down size graded granite metal coarse aggregate @ 0.8 cum and fine aggregate @ 0.57 cum mechanically mixed Concrete laid in layers not exceeding 15 cms thick when compacted in foundation and plinth including cost of all materials, labour, T&P & machinery being complete excluding						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	As per Pre. measurement recorded vide page No. 494995 to
	Rate. 5391:00
	(6) Providing and constructing Masonry in foundation with dressed rubble stone in cement mortar 1:6 in each course including

NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		of recorded vide Page	
		em No. 2(A) Missing slag qty	
		146.88 m^2	
		102172:80	
		ofg iron Plain Cement Concrete	
		ment of 1:8:16 using coarse	
		netal Coarse aggregate of	
		ize of 0.5" Cement content	
		exceeding 15% by weight	
		and Plinth including Cost of	
		& machinery being complete	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494945

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	As per Pre. measurment recorded vide Page No.. 494995 to 494995 in this MB.					5.84 m^3	
	Rate. 5391:00					~~146.88~~ m^2	31483:44
(8)	Providing and Constructing Granite/Trap/basalt Size Stone Masonry in foundation with Cement Mortar 1:6 Stone hammered Dressed not less than 20 cms high bond Stones at 2.0 Mtrs. Rent in each Course including cost & necessary lafour curing						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Compose as per Engineer incharge & the Work.						
	As per Pre-measurement recorded vide Page No. 494996 in this MB						
	Rate · 4638 : 00					11.16	51760 : 08
(7)	Providing and constructing granite/stone/ basalt size stone masonry in basement IDM CM 1:6 edges of stones carefully dressed in courses not less than 15 cm with bond stones at 2.0 Mtr apart in each course in cement & materials (as per Specification						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Vinayakanagara
	8th Main (1)
	7th Main (2)
	(3)
	Rate · 5544 : 00
(8)	Providing and ...

BOOK

ns		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
...er and direction of the ...			
...ery recorded vide ... in this MB		11.16	5172.00
...mix/foot/ basis size ... WM CM 1:6 edges of ... ses not less than 15 mm ... ngs in each course/min ... e Concrete as per Specification			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 494946

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Vinayaka nagara						
	8th Main (1)	2	9.10	0.50	0.45	4.09	
	7th Main (2)	2	4.65	0.50	0.45	2.09	
	(3)	2	4.85	0.50	0.45	2.18	
						8.36 M³	46347:84
	Rate · 5544:00						
(8)	Providing and removing Centering Shuttering Strutting Propping etc. and removal of Form work for sides and Soffits of beams beam haunchings including finishes						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Excavation and trenches not exceeding 1.0mm depth including cost & all necessary labour complete as per specification.						
	As per Pre-Measurement recorded vide Page No. 494996 to 494997 in this MB.					21.99 m^2	
	Rate · 284:00					6245:16	
(9)	Providing and laying in position plain cement concrete 1:3:6 with OPC cement of 220kg with 20mm and down size graded granite metal coarse aggregate of 0.8 cum and fine aggregate 0.56 cum machine mixed concrete laid in layers not exceeding						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Items Excavation work cost & all necessary as per specification Vinayakan
	Coping Concrete.
	8M Main (1)
	7M Main (2)
	Vent Concrete. (3)

BOOK

Depth 6	Contents 7	Reference to last Measurement 8
exceeding 1.0mm depth		
& Lagoon Compressed as per		
ent recorded vide Page		
n This MB 21.99 M²		
	6245:16	
si from Plain Cement		
RC Cement of 220kg with		
granite metal 20mm		
ne aggregate 0.56 cum		
& in Lagoons not exceeding		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 494947

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	15cms thick RCC Coping Compressed in Foundation and Plinth including cost & all materials Lagoons as per specification. Vinayakanagara						
	Coping Concrete.						
	8M Main ①	2	9.10	0.50	0.15	1.36	
	7M Main ②	2	4.65	0.50	0.15	0.69	
	③	2	4.85	0.50	0.15	0.72	
	Vent Concrete.	1	9.10	0.60	0.15	0.81	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	4.65	0.60	0.15	0.41	
		1	4.85	0.60	0.15	0.43	
						4.42 m³	
	Rate. 5851:00						2586[illegible]
(10)	Providing Flush pointing to coursed stone masonry with cement mortar 1:3 20mm deep after raking joints to depth & 20mm nicely lining including cost of materials curing complete as per specification.						
	Vinayakanagara (1)	2	9.10	-	0.50	9.10	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	(2)	
	(3)	
	Rate. 107:00	
(11)	Providing and laying & Mix M20 with down size graded and fine aggregate	

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
0.60	0.15	0.41	
0.60	0.15	0.43	
		4.42 m³	
			2586/1 = 42
to coursed stone masonry			
n deep asser or king's soussi			
including cost of masonry			
specification.			
-	0.50	9.20	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494948

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(2)	2	4.65	-	0.50	4.65	
	(3)	2	4.85	-	0.50	4.85	
						18.60 m²	
	Rate. 107 = 00						1990 = 20
(11)	Providing and laying in position Plain cement concrete 1:2:4 Mix M20 with OPC cement at 320 kg/m³ with 20mm and down size graded granite metal coarse aggregate at 0.459 cum and fine aggregate at 0.459 cum with Super Plasticizers at 3.8 kg/						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	conforming to IS 1199. Reinforced machine mixed exceeding 15 cms with Vibrator for all works in Sunshade Plinth and ground floor level for cross slab Staircase Circles retaining walls retaining walls including pasting Pillars abutments Pillars Pass grade including cost & necessary labour curing complete as per Specification.	03.1999					
	Vinayakanagara						
	①	1	9.10	1.50	0.23	3.13	
	②	1	4.65	1.50	0.23	1.60	
	③	1	4.85	1.50	0.23	1.67	
	Missing slabs	6	1.50	0.60	0.23	1.24	
	Rate. 6658:00					7.64 M³	50867

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of wor
1	2
(12)	Providing TM Strengthening C tapping and or wire and anch complete as pe be measured a as per specifica
	As per 4949
	Rate. 6713

BOOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
rmed		machine mixed	
ver all		works in Gundem	
for		roof slab Staircase	
ment		including passage	
ers		piers Pass Gown	
		casing Concrete as per	
50	0.23	3.13	
50	0.23	1.60	
50	0.23	1.67	
60	0.23	1.24	
		7.64 m³	50867:1

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

494949

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(12)	Providing TMT Steel reinforcement for RCC Work including straightening cutting bending hooking placing in position tapping and or welding wherever required using binding wire and anchoring to the adjoining members wherever necessary complete as per design (Class hooks and bagges shall not be measured and paid) cost & measuring as per complete as per specification.						
	As per pre-measurement recorded vide page no. 494997 to 494998 in this MB.					0.69 Ton	46322:46
	Page. 67134:00						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(13)	Providing laying spreading and compacting graded stones aggregate to WBM Mix macadam specification including premixing the material with water as one in mechanical mix Plant carriage & mixed material & tipper to site laying in uniform layer using WBM paver in dry base course on well prepared surface and compaction with vibratory roller to achieve the desired density/Cum as per specification.						
	As per Pre-Measurement recorded vide Page No.. 494999 in this MB 195.74 M^3						
	Rate · 1848:00						361727:52

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nur
1	2	
(14)	Providing and applyi 9.8 to 12.2 kg per 10 sq Porosity respectively WBM cut back MC 70 as to kg per 10 sq.m as to kg per 10 sq.m including Complete as per Spec	
	As per Pre.	
	Rate · 62:00	49 50

NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		ng and compacting graded	
		macadam specification	
		ential WBM Water as one	
		rriage & mixed material	
		form Laying WBM power issue	
		d surface and compacting	
		ve the desired design/camber	
		rment recorded vide	
		in this MB 195.74 M^3	
			36727:52

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

494950

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(14)	Providing and applying Primer Coat from 7.5 to 9.8 Kgs and 9.8 to 12.2 Kgs per 10 Sq.mts for Surfaces of low and medium porosity respectively over prepared surface of granular base WBM cut back Gr 70 or any other bituminous mixed with diesel as Kgs per 10sq.mts heated in bituminous mixed with diesel as Kgs per including Cost of all materials labour tools & machinery Complete as per Specification.						
	As per pre. measurment recorded vide Page No.						
	Rate. 62:00 49 5000				in this MB.	978.74 M^2	60681-88

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(15)	Providing and laying Semi dense bituminous Concrete 25 mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using Crushed aggregate of Specified grading premixed with bituminous binder of 4.5 to 5% by mix and finally transporting the hot mix to road side laying with a hydrostatic Paver finisher with Sensor Control to the required grade level and alignment rolling with smooth wheeled Vibratory and tandem roller to achieve the desired Compaction Complete in all respects as per specification.						
	R.K. layout	1	30.00	(5.10+5.20)/2	×0.025	3.86	
		1	30.00	(5.15+5.10)/2	×0.025	3.84	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
		1
		1
		1
		1
		1
		1

Rate. 6719:00

IT BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		dense sidewalk concrete batch type RMP producing es per hour using crushed premixed with sidewalk sieves transporting the hot a hydraulic pavement ained grade level and n wheeled vibratory adjustable compaction compacted in all	
5.10+5.20) / 2	×0.025	3.86	
5.15+5.10) / 2	×0.025	3.84	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

494951

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	30.00	(5.15+5.20)/2	×0.025	3.88	
		1	30.00	(5.20+5.15)/2	×0.025	3.88	
		1	15.00	(5.15+5.10)/2	×0.025	1.92	
		1	30.00	(5.10+5.20)/2	×0.025	3.86	
		1	15.00	(5.20+5.15)/2	×0.025	1.94	
	Rate. 6719:00	1	10.00	5.10	0.025	1.27	164279:55
						24.45 M³	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(16)	Lead for disposal of Debris & Sluage parasite of Garage grates by mechanical means including loading & unloading From 0.00 to 2.00 KM.						
	Quantity vide Item no. (1)					89.59 M³	6808:8
						Total Rs.	1032105:-
	Certificate.						
	(1) Certified that the above work done satisfactory.						
	(2) This bill amount has not been claimed in any previous bill.						

16/8/19

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2

S.K. Layout

TO

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಬಿ.ಬಿ.ಎಂ.ಪಿ

OK

Depth 6	Contents 7	Reference to last Measurement 8
e se	parable of Carriage	
ing	loading & unloading	
o. ①	89.59 M³	6808=8
	Total Rs. -	1032105=1
	- due above Work done	
	ng has not been claime	
	ious bill	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494952

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	S.K. Layout						
	To Kadirenahalli						
	To Koginakunte						

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-24

16/8/2017

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1st and Final Bill.					deductions	
						1032100.00	
						IT 10321	
						CL 10324	
						CESS 1032	
						KKSF 9245	
						JKSF 9245	
						LR 49400	
						T-D 59504:00	

ಲೆಕ್ಕಪತ್ರ ಪರಿಶೋಧನೆ 1771 ರಂತೆ
ಪರಿಶೀಲನೆ ಮಾಡಿದ್ದು ₹ 1032100=00
ಇದರಲ್ಲಿ ಕಡಿತ ಮಾಡಿದ್ದು 59504=00
ಮೊತ್ತವು 972596
FT/ML
ಸಹಾಯಕ ಇಂಜಿನಿಯರು
ನಿರ್ವಾಹಕರು
ಬ್ಯಾಡರಾಯನಪುರ ವಿಭಾಗ
ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಡರಾಯನಪುರ ವಿಭಾಗ
ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	